

UTILITY APPLICATION	Attorney Docket No.: EMAG.001A First Named Inventor: Yehoshua Josh Shachar Title: METHOD AND APPARATUS FOR PIEZOELECTRIC LAYER-WISE PUMP AND VALVE FOR USE IN LOCAL ADMINISTRATION OF BIOLOGICAL RESPONSE MODIFIERS AND THERAPEUTIC AGENTS Express Mail Label No.: EV 320129702 US
	Direct all correspondence to Customer No.: 20995 <div style="text-align: right;"> Date: July 3, 2003 Page 1 of 2 </div>



Mail Stop Patent Application
 United States Patent and Trademark Office
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The following enclosures are transmitted herewith to be filed in the patent application of:

- Inventor:
- | | |
|--------------------------|----|
| 1. Yehoshua Josh Shachar | 2. |
| 3. | 4. |

APPLICATION ELEMENTS:

- (X) Specification in 33 pages.
 (X) Drawings in 15 sheets.

CONTINUITY INFORMATION:

Application	Relationship	Parent App. No.	Filing Date	Status
This Application	Non-Provisional of	60/393,933	07/03/02	Pending

OTHER APPLICATION PARTS:

- (X) Return prepaid postcard.

UTILITY APPLICATION	Attorney Docket No.: EMAG.001A
	First Named Inventor: Yehoshua Josh Shachar
	Title: METHOD AND APPARATUS FOR PIEZOELECTRIC LAYER-WISE PUMP AND VALVE FOR USE IN LOCAL ADMINISTRATION OF BIOLOGICAL RESPONSE MODIFIERS AND THERAPEUTIC AGENTS
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Date: July 3, 2003 Page 2 of 2	

FILING FEES:

FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Basic Utility		1001 (\$750)		\$750
Non-English Spec.		1053 (\$130)		\$0
Recordation Fee		8021 (\$40)	x 40 =	\$0
Excess Claims > 20	64 - 20 = 44	1202 (\$18)	44 x 18 =	\$792
Independent > 3	1 - 3 = 0	1201 (\$84)	0 x 84 =	\$0
Multiple Claim		1203 (\$280)		\$0
			TOTAL FEE DUE	\$1542

(X) The total fees calculated above will be paid at a later date.

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Lee W. Henderson, Ph.D.

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : EMAG.001A

Applicant : Yehoshua Josh Shachar

For : METHOD AND APPARATUS FOR
PIEZOELECTRIC LAYER-WISE PUMP AND
VALVE FOR USE IN LOCAL
ADMINISTRATION OF BIOLOGICAL
RESPONSE MODIFIERS AND
THERAPEUTIC AGENTS

Attorney : Lee W. Henderson Ph.D.


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Date of Deposit : July 3, 2003

I hereby certify that the accompanying

Transmittal letter; specification in 33 pages; 15 sheets of drawings; Return
Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Lee W. Henderson Ph.D.

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